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16K1 TECH CENTER 1600/0900



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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/091,414DATE: 03/21/2002 P.S.
TIME: 08:42:51

#2

Input Set : D:\PA116C1_seqList.txt
Output Set: N:\CRF3\03212002\J091414.raw

1 <110> APPLICANT: Rosen et al.
3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
5 <130> FILE REFERENCE: PA116C1
C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/091,414
C--> 7 <141> CURRENT FILING DATE: 2002-03-07
7 <150> PRIOR APPLICATION NUMBER: 09/764,867
8 <151> PRIOR FILING DATE: 2001-01-17
10 <150> PRIOR APPLICATION NUMBER: 60/179,065
11 <151> PRIOR FILING DATE: 2000-01-31
13 <150> PRIOR APPLICATION NUMBER: 60/180,628
14 <151> PRIOR FILING DATE: 2000-02-04
16 <150> PRIOR APPLICATION NUMBER: 60/214,886
17 <151> PRIOR FILING DATE: 2000-06-28
19 <150> PRIOR APPLICATION NUMBER: 60/217,487
20 <151> PRIOR FILING DATE: 2000-07-11
22 <150> PRIOR APPLICATION NUMBER: 60/225,758
23 <151> PRIOR FILING DATE: 2000-08-14
25 <150> PRIOR APPLICATION NUMBER: 60/220,963
26 <151> PRIOR FILING DATE: 2000-07-26
28 <150> PRIOR APPLICATION NUMBER: 60/217,496
29 <151> PRIOR FILING DATE: 2000-07-11
31 <150> PRIOR APPLICATION NUMBER: 60/225,447
32 <151> PRIOR FILING DATE: 2000-08-14
34 <150> PRIOR APPLICATION NUMBER: 60/218,290
35 <151> PRIOR FILING DATE: 2000-07-14
37 <150> PRIOR APPLICATION NUMBER: 60/225,757
38 <151> PRIOR FILING DATE: 2000-08-14
40 <150> PRIOR APPLICATION NUMBER: 60/226,868
41 <151> PRIOR FILING DATE: 2000-08-22
43 <150> PRIOR APPLICATION NUMBER: 60/216,647
44 <151> PRIOR FILING DATE: 2000-07-07
46 <150> PRIOR APPLICATION NUMBER: 60/225,267
47 <151> PRIOR FILING DATE: 2000-08-14
49 <150> PRIOR APPLICATION NUMBER: 60/216,880
50 <151> PRIOR FILING DATE: 2000-07-07
52 <150> PRIOR APPLICATION NUMBER: 60/225,270
53 <151> PRIOR FILING DATE: 2000-08-14
55 <150> PRIOR APPLICATION NUMBER: 60/251,869
56 <151> PRIOR FILING DATE: 2000-12-08
58 <150> PRIOR APPLICATION NUMBER: 60/235,834
59 <151> PRIOR FILING DATE: 2000-09-27
61 <150> PRIOR APPLICATION NUMBER: 60/234,274
62 <151> PRIOR FILING DATE: 2000-09-21

MAY 15 2002

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,414

DATE: 03/24/2002

TIME: 08:41

TECH CENTER 1600/2900

Input Set : D:\PA116Cl_seqList.txt

Output Set: N:\CRF3\03212002\J091414.raw

64 <150> PRIOR APPLICATION NUMBER: 60/234,223
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67 <150> PRIOR APPLICATION NUMBER: 60/228,924
68 <151> PRIOR FILING DATE: 2000-08-30
70 <150> PRIOR APPLICATION NUMBER: 60/224,518
71 <151> PRIOR FILING DATE: 2000-08-14
73 <150> PRIOR APPLICATION NUMBER: 60/236,369
74 <151> PRIOR FILING DATE: 2000-09-29
76 <150> PRIOR APPLICATION NUMBER: 60/224,519
77 <151> PRIOR FILING DATE: 2000-08-14
79 <150> PRIOR APPLICATION NUMBER: 60/220,964
80 <151> PRIOR FILING DATE: 2000-07-26
82 <150> PRIOR APPLICATION NUMBER: 60/241,809
83 <151> PRIOR FILING DATE: 2000-10-20
85 <150> PRIOR APPLICATION NUMBER: 60/249,299
86 <151> PRIOR FILING DATE: 2000-11-17
88 <150> PRIOR APPLICATION NUMBER: 60/236,327
89 <151> PRIOR FILING DATE: 2000-09-29
91 <150> PRIOR APPLICATION NUMBER: 60/241,785
92 <151> PRIOR FILING DATE: 2000-10-20
94 <150> PRIOR APPLICATION NUMBER: 60/244,617
95 <151> PRIOR FILING DATE: 2000-11-01
97 <150> PRIOR APPLICATION NUMBER: 60/225,268
98 <151> PRIOR FILING DATE: 2000-08-14
100 <150> PRIOR APPLICATION NUMBER: 60/236,368
101 <151> PRIOR FILING DATE: 2000-09-29
103 <150> PRIOR APPLICATION NUMBER: 60/251,856
104 <151> PRIOR FILING DATE: 2000-12-08
106 <150> PRIOR APPLICATION NUMBER: 60/251,868
107 <151> PRIOR FILING DATE: 2000-12-08
109 <150> PRIOR APPLICATION NUMBER: 60/229,344
110 <151> PRIOR FILING DATE: 2000-09-01
112 <150> PRIOR APPLICATION NUMBER: 60/234,997
113 <151> PRIOR FILING DATE: 2000-09-25
115 <150> PRIOR APPLICATION NUMBER: 60/229,343
116 <151> PRIOR FILING DATE: 2000-09-01
118 <150> PRIOR APPLICATION NUMBER: 60/229,345
119 <151> PRIOR FILING DATE: 2000-09-01
121 <150> PRIOR APPLICATION NUMBER: 60/229,287
122 <151> PRIOR FILING DATE: 2000-09-01
124 <150> PRIOR APPLICATION NUMBER: 60/229,513
125 <151> PRIOR FILING DATE: 2000-09-05
127 <150> PRIOR APPLICATION NUMBER: 60/231,413
128 <151> PRIOR FILING DATE: 2000-09-08
130 <150> PRIOR APPLICATION NUMBER: 60/229,509
131 <151> PRIOR FILING DATE: 2000-09-05
133 <150> PRIOR APPLICATION NUMBER: 60/236,367
134 <151> PRIOR FILING DATE: 2000-09-29
136 <150> PRIOR APPLICATION NUMBER: 60/237,039

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/091,414

DATE: 03/21/2002
TIME: 08:42:51

Input Set : D:\PA116C1_seqList.txt
Output Set: N:\CRF3\03212002\J091414.raw

137 <151> PRIOR FILING DATE: 2000-10-02
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140 <151> PRIOR FILING DATE: 2000-10-02
142 <150> PRIOR APPLICATION NUMBER: 60/236,370
143 <151> PRIOR FILING DATE: 2000-09-29
145 <150> PRIOR APPLICATION NUMBER: 60/236,802
146 <151> PRIOR FILING DATE: 2000-10-02
148 <150> PRIOR APPLICATION NUMBER: 60/237,037
149 <151> PRIOR FILING DATE: 2000-10-02
151 <150> PRIOR APPLICATION NUMBER: 60/237,040
152 <151> PRIOR FILING DATE: 2000-10-02
154 <150> PRIOR APPLICATION NUMBER: 60/240,960
155 <151> PRIOR FILING DATE: 2000-10-20
157 <150> PRIOR APPLICATION NUMBER: 60/239,935
158 <151> PRIOR FILING DATE: 2000-10-13
160 <150> PRIOR APPLICATION NUMBER: 60/239,937
161 <151> PRIOR FILING DATE: 2000-10-13
163 <150> PRIOR APPLICATION NUMBER: 60/241,787
164 <151> PRIOR FILING DATE: 2000-10-20
166 <150> PRIOR APPLICATION NUMBER: 60/246,474
167 <151> PRIOR FILING DATE: 2000-11-08
169 <150> PRIOR APPLICATION NUMBER: 60/246,532
170 <151> PRIOR FILING DATE: 2000-11-08
172 <150> PRIOR APPLICATION NUMBER: 60/249,216
173 <151> PRIOR FILING DATE: 2000-11-17
175 <150> PRIOR APPLICATION NUMBER: 60/249,210
176 <151> PRIOR FILING DATE: 2000-11-17
178 <150> PRIOR APPLICATION NUMBER: 60/226,681
179 <151> PRIOR FILING DATE: 2000-08-22
181 <150> PRIOR APPLICATION NUMBER: 60/225,759
182 <151> PRIOR FILING DATE: 2000-08-14
184 <150> PRIOR APPLICATION NUMBER: 60/225,213
185 <151> PRIOR FILING DATE: 2000-08-14
187 <150> PRIOR APPLICATION NUMBER: 60/227,182
188 <151> PRIOR FILING DATE: 2000-08-22
190 <150> PRIOR APPLICATION NUMBER: 60/225,214
191 <151> PRIOR FILING DATE: 2000-08-14
193 <150> PRIOR APPLICATION NUMBER: 60/235,836
194 <151> PRIOR FILING DATE: 2000-09-27
196 <150> PRIOR APPLICATION NUMBER: 60/230,438
197 <151> PRIOR FILING DATE: 2000-09-06
199 <150> PRIOR APPLICATION NUMBER: 60/215,135
200 <151> PRIOR FILING DATE: 2000-06-30
202 <150> PRIOR APPLICATION NUMBER: 60/225,266
203 <151> PRIOR FILING DATE: 2000-08-14
205 <150> PRIOR APPLICATION NUMBER: 60/249,218
206 <151> PRIOR FILING DATE: 2000-11-17
208 <150> PRIOR APPLICATION NUMBER: 60/249,208
209 <151> PRIOR FILING DATE: 2000-11-17

RAW SEQUENCE LISTING

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Input Set : D:\PA116Cl_seqList.txt

Output Set: N:\CRF3\03212002\J091414.raw

211 <150> PRIOR APPLICATION NUMBER: 60/249,213
212 <151> PRIOR FILING DATE: 2000-11-17
214 <150> PRIOR APPLICATION NUMBER: 60/249,212
215 <151> PRIOR FILING DATE: 2000-11-17
217 <150> PRIOR APPLICATION NUMBER: 60/249,207
218 <151> PRIOR FILING DATE: 2000-11-17
220 <150> PRIOR APPLICATION NUMBER: 60/249,245
221 <151> PRIOR FILING DATE: 2000-11-17
223 <150> PRIOR APPLICATION NUMBER: 60/249,244
224 <151> PRIOR FILING DATE: 2000-11-17
226 <150> PRIOR APPLICATION NUMBER: 60/249,217
227 <151> PRIOR FILING DATE: 2000-11-17
229 <150> PRIOR APPLICATION NUMBER: 60/249,211
230 <151> PRIOR FILING DATE: 2000-11-17
232 <150> PRIOR APPLICATION NUMBER: 60/249,215
233 <151> PRIOR FILING DATE: 2000-11-17
235 <150> PRIOR APPLICATION NUMBER: 60/249,264
236 <151> PRIOR FILING DATE: 2000-11-17
238 <150> PRIOR APPLICATION NUMBER: 60/249,214
239 <151> PRIOR FILING DATE: 2000-11-17
241 <150> PRIOR APPLICATION NUMBER: 60/249,297
242 <151> PRIOR FILING DATE: 2000-11-17
244 <150> PRIOR APPLICATION NUMBER: 60/232,400
245 <151> PRIOR FILING DATE: 2000-09-14
247 <150> PRIOR APPLICATION NUMBER: 60/231,242
248 <151> PRIOR FILING DATE: 2000-09-08
250 <150> PRIOR APPLICATION NUMBER: 60/232,081
251 <151> PRIOR FILING DATE: 2000-09-08
253 <150> PRIOR APPLICATION NUMBER: 60/232,080
254 <151> PRIOR FILING DATE: 2000-09-08
256 <150> PRIOR APPLICATION NUMBER: 60/231,414
257 <151> PRIOR FILING DATE: 2000-09-08
259 <150> PRIOR APPLICATION NUMBER: 60/231,244
260 <151> PRIOR FILING DATE: 2000-09-08
262 <150> PRIOR APPLICATION NUMBER: 60/233,064
263 <151> PRIOR FILING DATE: 2000-09-14
265 <150> PRIOR APPLICATION NUMBER: 60/233,063
266 <151> PRIOR FILING DATE: 2000-09-14
268 <150> PRIOR APPLICATION NUMBER: 60/232,397
269 <151> PRIOR FILING DATE: 2000-09-14
271 <150> PRIOR APPLICATION NUMBER: 60/232,399
272 <151> PRIOR FILING DATE: 2000-09-14
274 <150> PRIOR APPLICATION NUMBER: 60/232,401
275 <151> PRIOR FILING DATE: 2000-09-14
277 <150> PRIOR APPLICATION NUMBER: 60/241,808
278 <151> PRIOR FILING DATE: 2000-10-20
280 <150> PRIOR APPLICATION NUMBER: 60/241,826
281 <151> PRIOR FILING DATE: 2000-10-20
283 <150> PRIOR APPLICATION NUMBER: 60/241,786

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,414

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Input Set : D:\PA116C1_seqList.txt

Output Set : N:\CRF3\03212002\J091414.raw

284 <151> PRIOR FILING DATE: 2000-10-20
286 <150> PRIOR APPLICATION NUMBER: 60/241,221
287 <151> PRIOR FILING DATE: 2000-10-20
289 <150> PRIOR APPLICATION NUMBER: 60/246,475
290 <151> PRIOR FILING DATE: 2000-11-08
292 <150> PRIOR APPLICATION NUMBER: 60/231,243
293 <151> PRIOR FILING DATE: 2000-09-08
295 <150> PRIOR APPLICATION NUMBER: 60/233,065
296 <151> PRIOR FILING DATE: 2000-09-14
298 <150> PRIOR APPLICATION NUMBER: 60/232,398
299 <151> PRIOR FILING DATE: 2000-09-14
301 <150> PRIOR APPLICATION NUMBER: 60/234,998
302 <151> PRIOR FILING DATE: 2000-09-25
304 <150> PRIOR APPLICATION NUMBER: 60/246,477
305 <151> PRIOR FILING DATE: 2000-11-08
307 <150> PRIOR APPLICATION NUMBER: 60/246,528
308 <151> PRIOR FILING DATE: 2000-11-08
310 <150> PRIOR APPLICATION NUMBER: 60/246,525
311 <151> PRIOR FILING DATE: 2000-11-08
313 <150> PRIOR APPLICATION NUMBER: 60/246,476
314 <151> PRIOR FILING DATE: 2000-11-08
316 <150> PRIOR APPLICATION NUMBER: 60/246,526
317 <151> PRIOR FILING DATE: 2000-11-08
319 <150> PRIOR APPLICATION NUMBER: 60/249,209
320 <151> PRIOR FILING DATE: 2000-11-17
322 <150> PRIOR APPLICATION NUMBER: 60/246,527
323 <151> PRIOR FILING DATE: 2000-11-08
325 <150> PRIOR APPLICATION NUMBER: 60/246,523
326 <151> PRIOR FILING DATE: 2000-11-08
328 <150> PRIOR APPLICATION NUMBER: 60/246,524
329 <151> PRIOR FILING DATE: 2000-11-08
331 <150> PRIOR APPLICATION NUMBER: 60/246,478
332 <151> PRIOR FILING DATE: 2000-11-08
334 <150> PRIOR APPLICATION NUMBER: 60/246,609
335 <151> PRIOR FILING DATE: 2000-11-08
337 <150> PRIOR APPLICATION NUMBER: 60/246,613
338 <151> PRIOR FILING DATE: 2000-11-08
340 <150> PRIOR APPLICATION NUMBER: 60/249,300
341 <151> PRIOR FILING DATE: 2000-11-17
343 <150> PRIOR APPLICATION NUMBER: 60/249,265
344 <151> PRIOR FILING DATE: 2000-11-17
346 <150> PRIOR APPLICATION NUMBER: 60/246,610
347 <151> PRIOR FILING DATE: 2000-11-08
349 <150> PRIOR APPLICATION NUMBER: 60/246,611
350 <151> PRIOR FILING DATE: 2000-11-08
352 <150> PRIOR APPLICATION NUMBER: 60/230,437
353 <151> PRIOR FILING DATE: 2000-09-06
355 <150> PRIOR APPLICATION NUMBER: 60/251,990
356 <151> PRIOR FILING DATE: 2000-12-08

→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/091,414

DATE: 03/21/2002

TIME: 08:42:52

Input Set : D:\PA116C1_seqList.txt

Output Set : N:\CRF3\03212002\J091414.raw

L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:980 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/091,414

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Input Set : D:\PA116C1_seqList.txt

Output Set: N:\CRF3\03212002\J091414.raw

L:1547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48